

Polaris Ranger 1500 Sport Muffler

RPM

Tools Needed:

- 5mm allen wrench
- 8mm socket
- 10mm socket
- 22mm wrench or 02 sensor socket

Kit Components:

1 - Sport Muffler



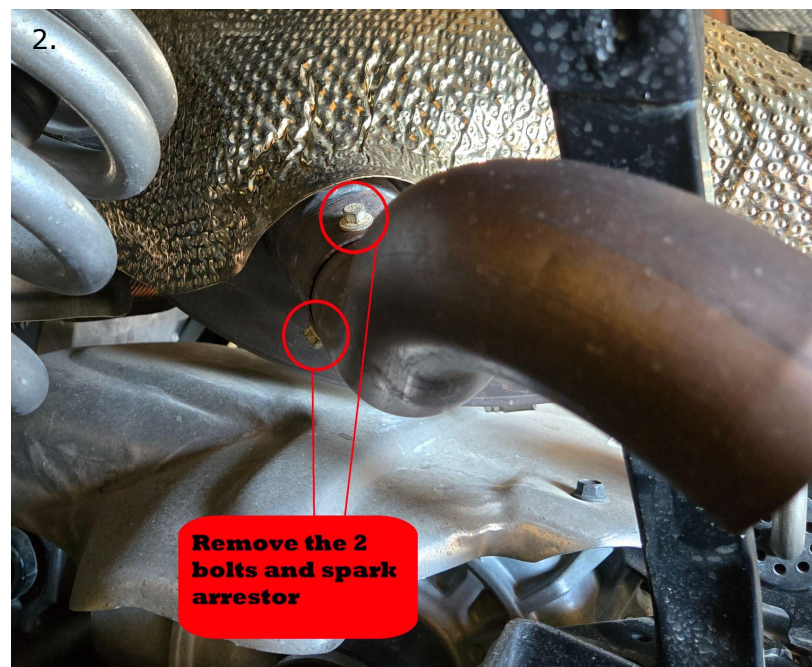
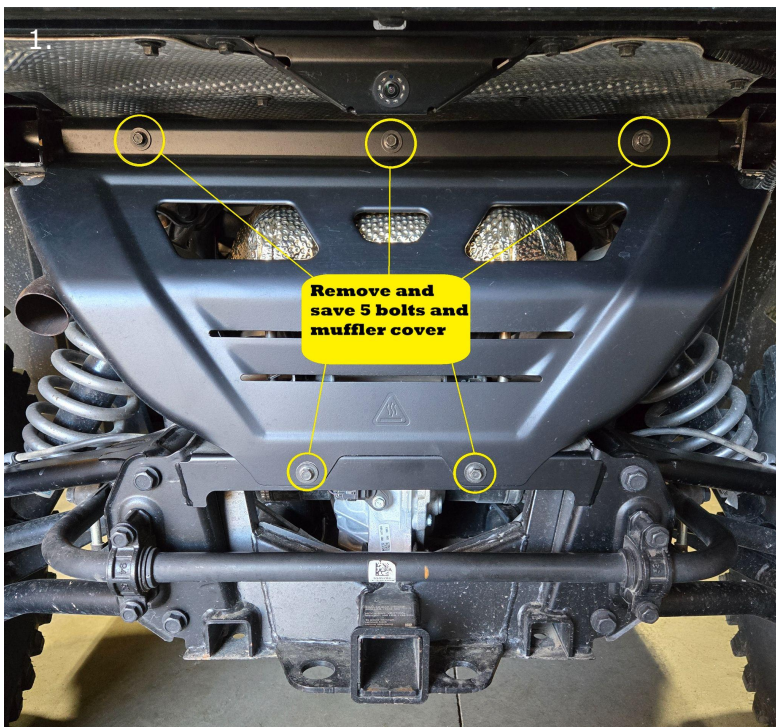
Notes:

This covers the installation of the RPM Sport Muffler only, if you are replacing the full exhaust system then you will also need the head pipe instructions: [Ranger 1500 Head Pipe Instructions](#). Start with these muffler instructions to replace the factory muffler and leave all of the hardware loose until your RPM or factory headpipe is fully installed. Read through these instructions fully before continuing.

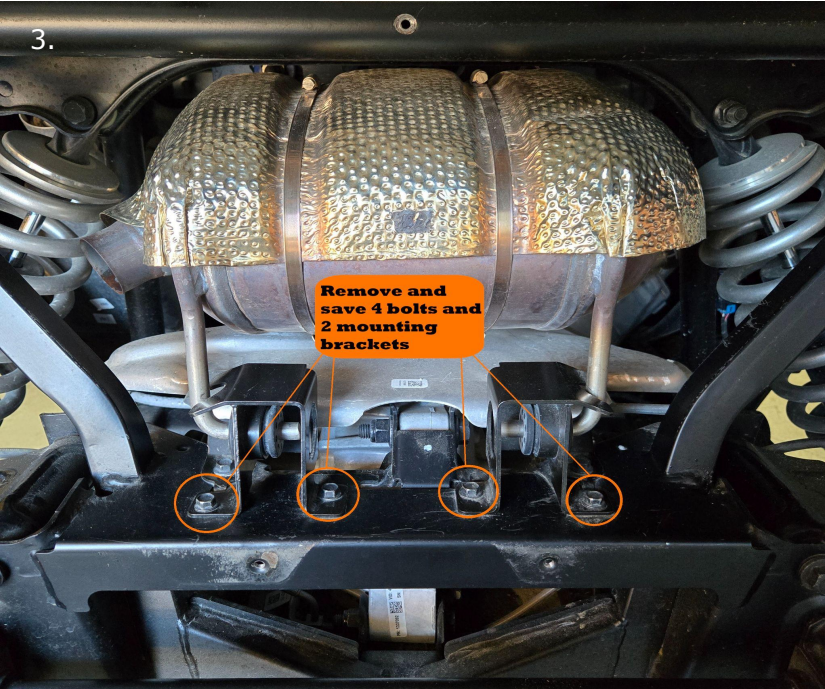
Fitment: 2024-2025 Ranger 1500 XD (all options)

Install Instructions:

1. Remove the **5 bolts** (circled in yellow) holding the rear fascia using a 10mm socket. Set the cover and hardware aside to reinstall later.
2. Remove the **2 bolts** (circled in red) holding the spark arrestor in the muffler using an 8mm socket. Wiggle the spark arrestor back and forth to work it loose from the muffler. These bolts and the spark arrestor will not be reused and can be reinstalled in the factory muffler once it is removed.



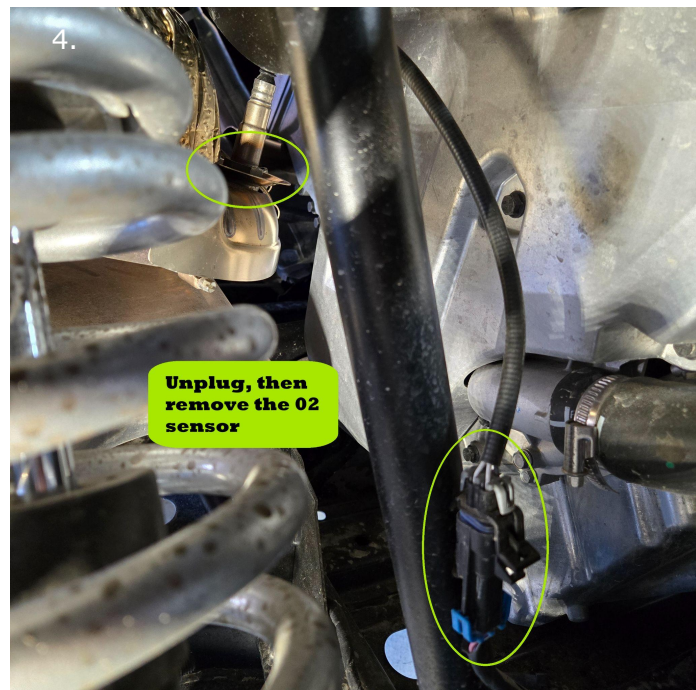
3.



3. Remove the **4 bolts** (circled in orange) from the rear muffler mounts using a 10mm socket. Slide the mounts towards the center to remove them from the muffler. Set the brackets and hardware aside to reinstall later.

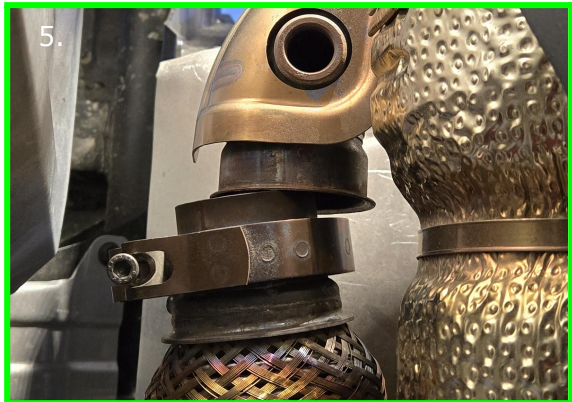
4. Lift the bed and locate the O2 sensor plug in front of the passenger side rear shock. Unplug the sensor by lifting the tab while pulling the connector up. Remove the sensor from the muffler using a 22mm wrench or similar.

4.



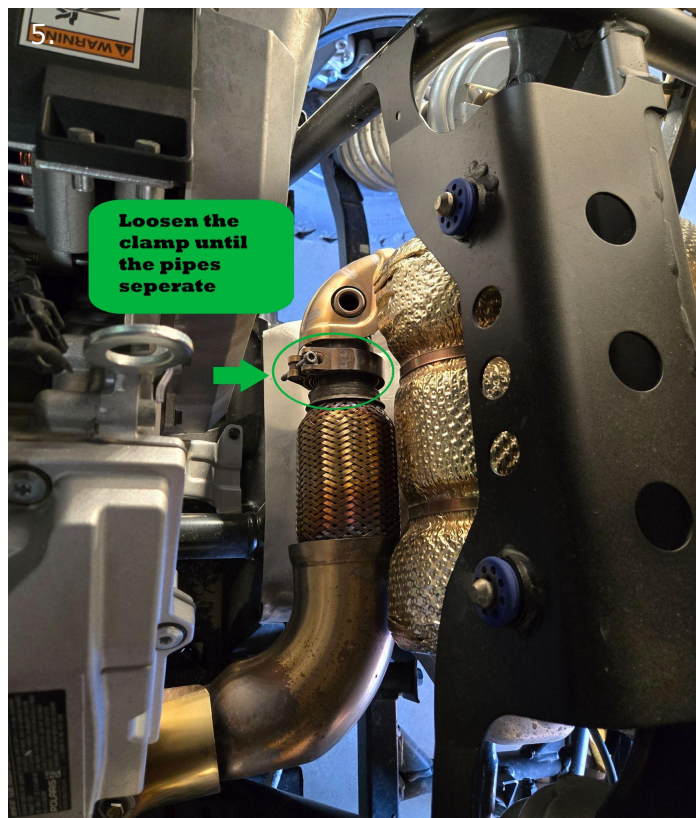
5. Loosen the **clamp** (circled in green) connecting the muffler to the head pipe using a 5mm allen. This clamp will be reused. The factory flex pipe can contract enough to separate the pipes before removing the muffler.

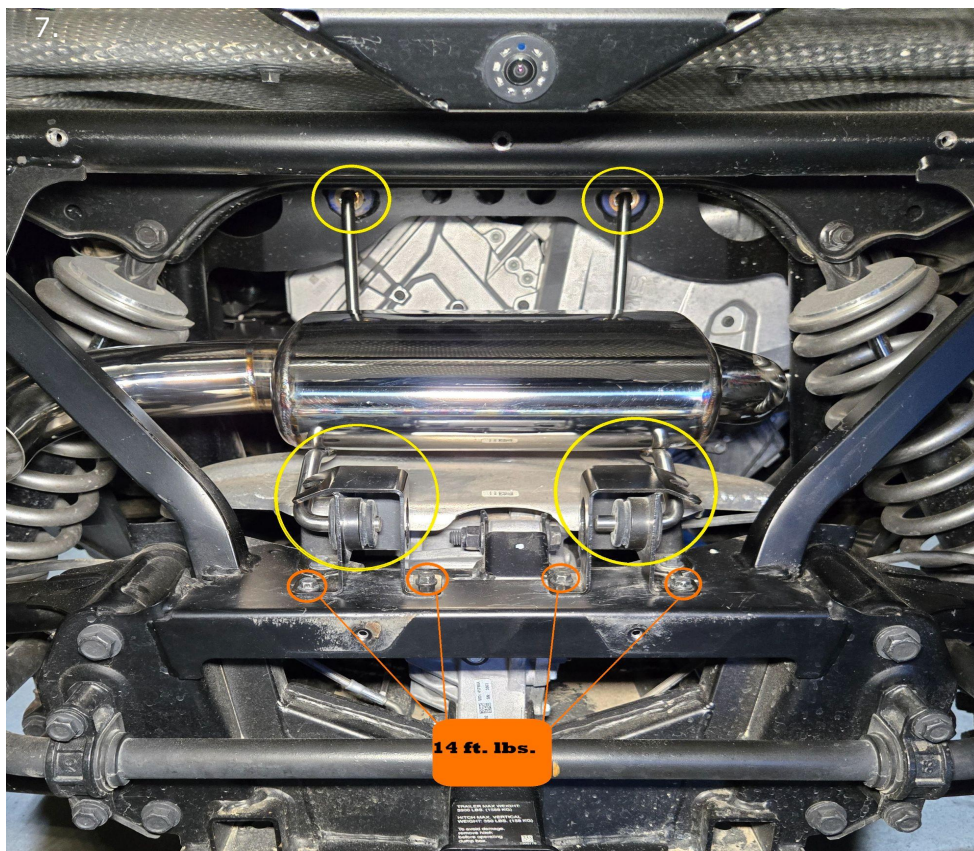
5.



6. Lower the bed back down and slowly work the muffler towards the rear out of the top rubber grommets. Remove the muffler straight out the back while being careful not to touch the frame or stress the head pipe. Inspect the gasket on the head pipe and replace it if it is worn or damaged.

Loosen the clamp until the pipes separate





7. Install your RPM Sport Muffler by putting the tip in first around the left frame rail and rotating the muffler body into position. Line up the muffler pipe with the head pipe while pushing the top studs into the rubber grommets. Slide the lower mounting brackets onto the lower studs and reinstall the bolts removed in step 3. Torque to 14 ft lbs.

Note: The lower studs will go under and in front of the notches in the brackets as shown below:



8. Lift the bed and double check that the pipes are still lined up correctly and the gasket is fully seated. Reinstall the clamp holding the pipes together using a 5mm allen. Torque to 10 ft. lbs.

9. Reinstall the O2 sensor using a 22 mm wrench or O2 sensor socket. Torque to 13 ft. lbs. and plug in the connector.

10. Lower the bed back down and reinstall the metal rear fascia and bolts removed in step 1. Torque to 12 ft. lbs.

This concludes the installation of your RPM Sport Muffler. Pair this with the RPM Head Pipe for even better sound and power gains.